5



## ABSTRACT OF THE DISCLOSURE

Compositions and methods for the complete detoxification of fumonisin and fumonisin degradation products are provided. Particularly, nucleotide sequences corresponding to the detoxification enzymes are provided. The sequences find use in preparing expression cassettes for the transformation of a broad variety of host cells and organisms.

Atty. Dkt. No. 35718/208255 (5718-111C)